

# The Trail Inventory of Harrison Lake NFH

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## NOTE TO USERS OR READERS

In this report, the reader may find a mix of dates associated with the condition assessment and photographs. Chapter 4 shows an updated condition assessment for each trail documented in this report. However there may be dates on the condition assessment pages that range from 2006 and 2007 to 2012. This occurred because the GPS dates of the trails originally rated in Cycle 1 were not updated when the cycle 3 assessment was done to in

2012. That GPS date is the basis for the Rating date in the report. Any new trail or section of trail that was collected and rated in Cycle 3 will have a rating date of 2012. While the rating dates may show a pre 2012 date, each trail was walked and its condition was assessed in 2012 during the Cycle 3 field season.

In Chapter 6 the reader may notice photographs with dates ranging from 2006 and 2007 to 2012. This occurs because the existing photographs from Cycle 1 were used if no significant or noticeable changes were seen in that location at the time of the Cycle 3 site visit.

The reader may also notice some of the feature photographs are used more than once. The practice of the same photograph being used for more than one feature was allowed during this cycle's data collection.

# Harrison Lake NFH

## Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

Trail Surface Type	Excellent		Total
	Miles	%	Miles
Native	2.05	100%	2.05
Total	2.05	100%	2.05

Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Excellent		Total
	Miles	%	Miles
TC4	2.05	100%	2.05
Total	2.05	100%	2.05

\*Admin Roads are included in the inventory but are not rated for condition.



## Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T400	Sign	1	No	0.00	HALA_C3_0001
T400	Trailhead	1	No	0.00	HALA_C3_0030
T400	Bridge -sf	920	No	0.01	HALA_C3_0002
T400	Sign	2	No	0.03	HALA_C3_0003
T400	Bench	1	No	0.07	
T400	Sign	7	Yes	0.12	HALA_C3_0223
T400	Sign	1	No	0.20	HALA_C3_0004
T400	Begin Section	1	No	0.20	HALA_C3_0024
T400	Boardwalk -lf	149	No	0.22	HALA_C3_0005
T400	Sign	1	No	0.24	HALA_C3_0023
T400	Bridge -sf	140	No	0.24	HALA_C3_0025
T400	Sign	1	No	0.24	HALA_C3_0007
T400	Bench	1	No	0.24	
T400	Bridge -sf	120	No	0.26	HALA_C3_0008
T400	Culvert -lf	10	No	0.26	
T400	Culvert -lf	10	No	0.26	
T400	Bench	1	No	0.27	
T400	Culvert -lf	10	No	0.30	
T400	Sign	1	No	0.30	HALA_C3_0009
T400	Culvert -lf	10	No	0.32	
T400	Max Grade- %	11	No	0.33	
T400	Begin Section	1	No	0.35	HALA_C3_0019
T400	Sign	1	No	0.35	HALA_C3_0010
T400	Sign	1	No	0.38	HALA_C3_0020
T400	Bench	1	No	0.38	
T400	Bench	1	No	0.39	
T400	Sign	1	No	0.42	HALA_C3_0021

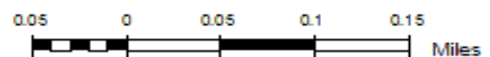
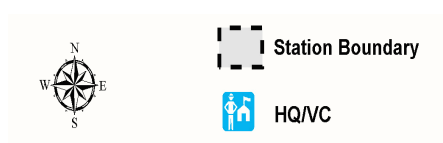
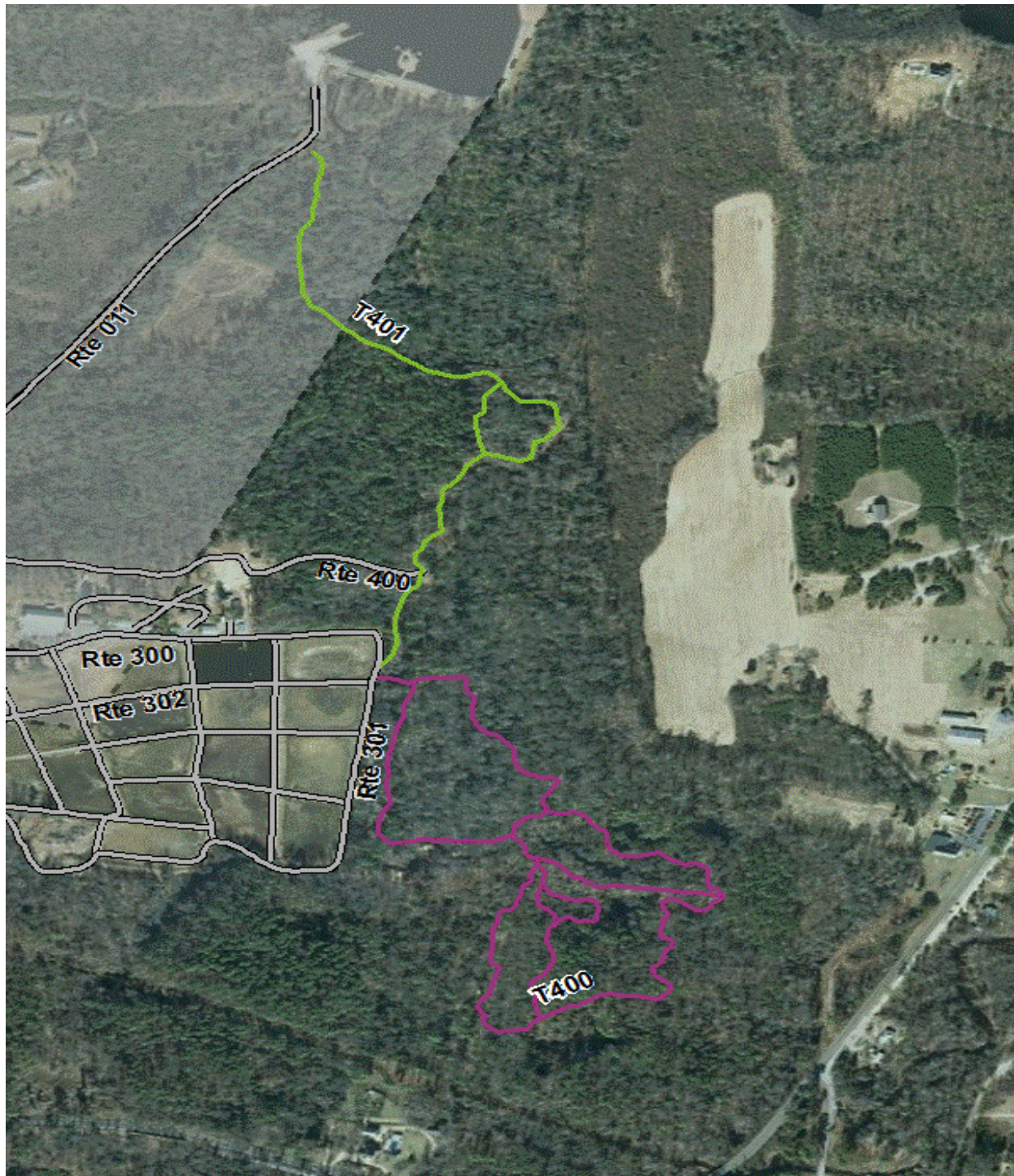
T400	Bench	1	No	0.42	
T400	Culvert -lf	8	No	0.44	
T400	Bench	1	No	0.44	
T400	Max Grade- %	15	No	0.47	
T400	Bridge -sf	177	No	0.48	HALA_C3_001 5
T400	Sign	1	No	0.48	HALA_C3_001 2
T400	Sign	1	No	0.57	HALA_C3_001 3
T400	Begin Section	1	No	0.57	HALA_C3_001 4
T400	Sign	1	No	0.62	HALA_C3_001 5
T400	Sign	1	No	0.65	HALA_C3_001 6
T400	Begin Section	1	No	0.66	HALA_C3_001 7
T400	Sign	1	No	0.70	HALA_C3_001 8
T401	Trailhead	1	No	0.00	HALA_C3_022 0
T401	Sign	2	No	0.01	HALA_C3_022 1
T401	Culvert -lf	20	No	0.04	
T401	Begin Section	1	No	0.33	HALA_C3_022 2
T401	Max Grade- %	25	No	0.36	

sf - square feet

lf - linear feet

cf - cubic feet

# Harrison Lake NFH Trail Location Map



## Trails ID

Station Name: Harrison Lake NFH

Org Code: 51210

Trail Number	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T400	Nature Trail	Native	10020337	1.38	From South Side of Hatchery Ponds To end of loop trail
T401	Lake Trail	Native	10020337	0.67	Dam Creek Crossing South Parking (Rte 905) To Harrison Lake

## CHANGES TO THE FISH AND WILDLIFE SERVICE TRAIL INVENTORY REPORT

### Harrison Lake NFH

#### Trails added to previous inventory:

Trail #	Trail Name	Reason for Addition
T401	Lake Trail	new trail

#### Trails removed from previous inventory:

Trail #	Trail Name	Reason for Removal
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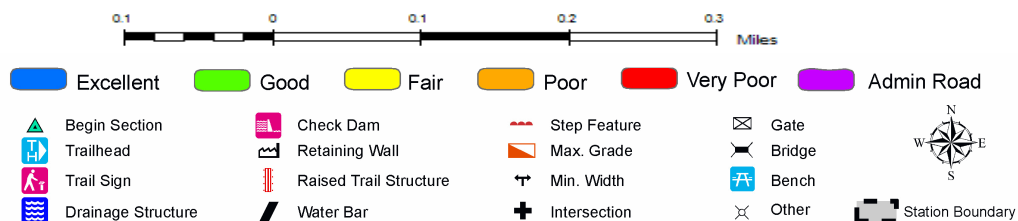
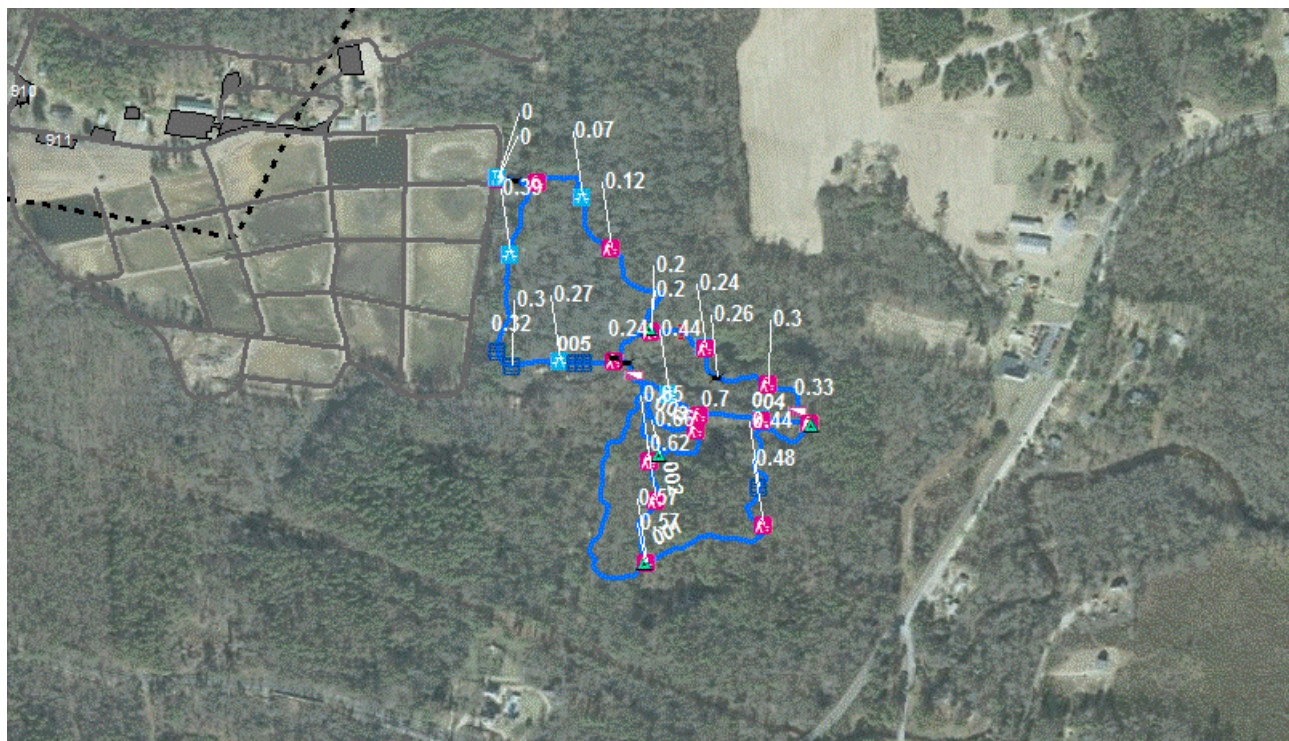
#### Trails modified from previous inventory:

Trail #	Trail Name	Type of Modification	Description of Modification
T400	Nature Trail	Name change	to Nature Trail

#### Comments:



## TRAIL CONDITION



**Trail Name:** Nature Trail

**Refuge Name:** Harrison Lake NFB

**Trail Number:** T400

**Region:** 5

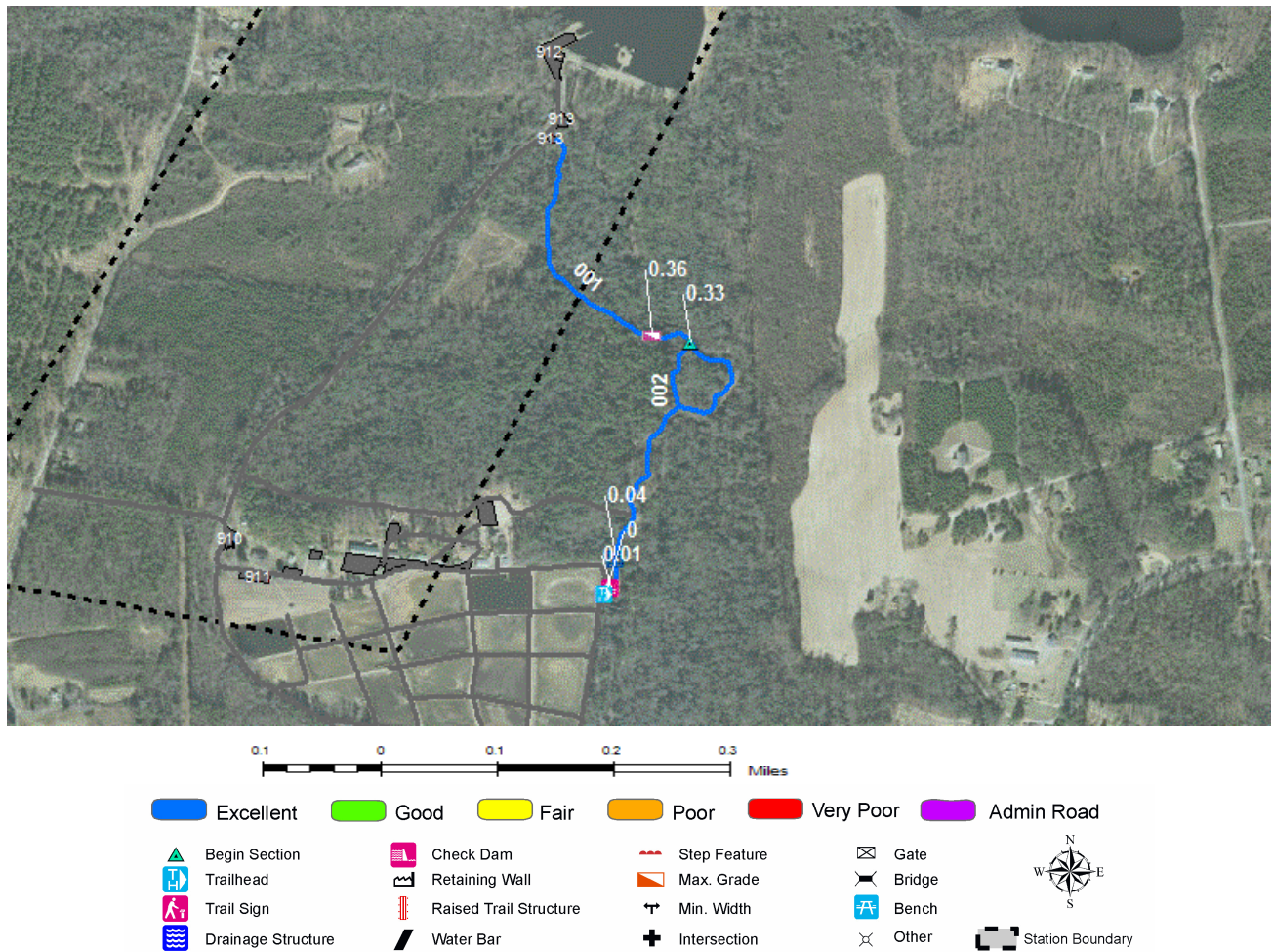
**Total Length:** 1.38 Miles

Section Number	001	002	003	004	005
Section Length (miles)	0.76	0.13	0.10	0.14	0.25
SAMMS Number	10020337	10020337	10020337	10020337	10020337
Rating Date	07/18/2006	07/18/2006	07/18/2006	07/18/2006	07/18/2006
<b>Trail Section Information</b>					
Trail Class	TC4	TC4	TC4	TC4	TC4
Surface Type	Native	Native	Native	Native	Native
Surface Firmness	Firm	Firm	Firm	Firm	Firm
Width (inches)	48	48	48	48	48
Average Grade (%)	0.9	0.9	0.9	0.9	0.9
Average X-slope (%)	1.50	1.50	1.50	1.50	1.50
<b>Trail Condition Information</b>					
Deferred Maintenance					
CRV	\$58,477	\$10,004	\$7,694	\$10,773	\$19,236
FCI	0.00	0.00	0.00	0.00	0.00
Condition	Excellent	Excellent	Excellent	Excellent	Excellent

### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$106,185	0.00	Excellent

## TRAIL CONDITION



**Trail Name:** Lake Trail  
**Trail Number:** T401

**Refuge Name:** Harrison Lake NFH  
**Region:** 5

**Total Length:** 0.67 Miles

Section Number	001	002
Section Length (miles)	0.60	0.07
SAMMS Number	10020337	10020337
Rating Date	07/02/2012	07/02/2012
<b>Trail Section Information</b>		
Trail Class	TC4	TC4
Surface Type	Native	Native
Surface Firmness	Firm	Firm
Width (inches)	79	96
Average Grade (%)	3.7	6.1
Average X-slope (%)	4.90	6.30
<b>Trail Condition Information</b>		
Deferred Maintenance		
CRV	\$75,983	\$10,773
FCI	0.00	0.00
Condition	Excellent	Excellent

### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$86,756	0.00	Excellent

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## TRAIL DEFICIENCY

No Deficiencies

## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400

STATION: Harrison Lake NFH

DATE: 07/18/2006

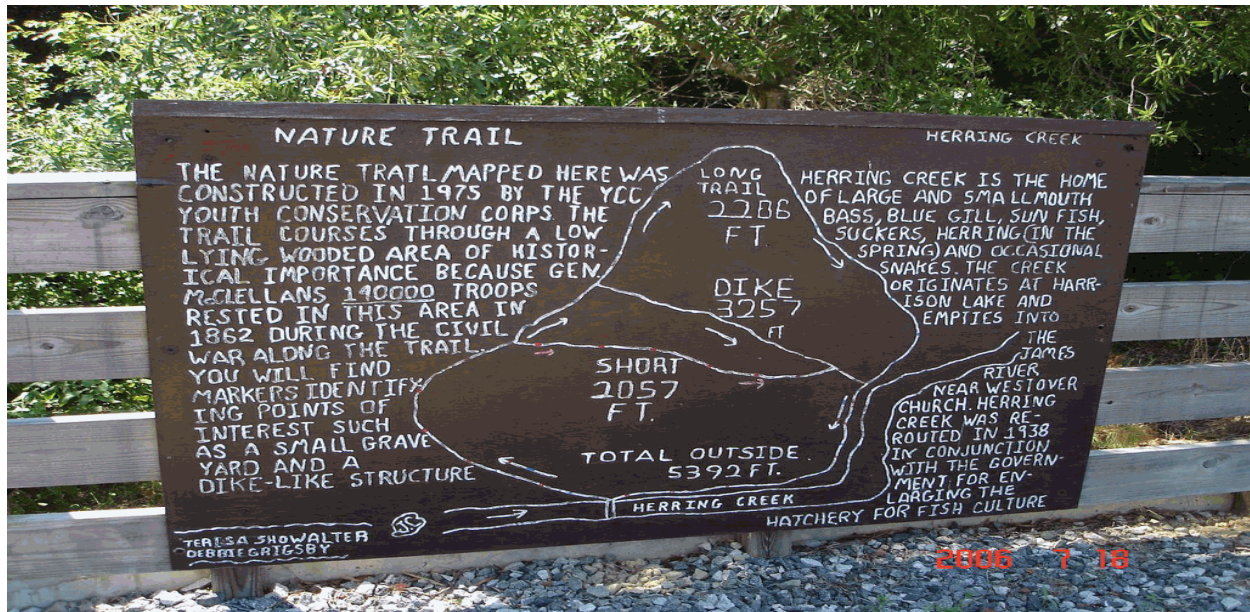


Photo # HALA\_C3\_0001 - MP 0.00 - Sign

TRAIL NUMBER: T400

STATION: Harrison Lake NFH

DATE: 07/18/2006



Photo # HALA\_C3\_0030 - MP 0.00 - Trailhead



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0002 - MP 0.01 - Bridge -sf

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0003 - MP 0.03 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/02/2012



Photo # HALA\_C3\_0223 - MP 0.12 - Sign

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0004 - MP 0.20 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0005 - MP 0.22 - Boardwalk -lf

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0007 - MP 0.24 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0008 - MP 0.26 - Bridge -sf

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0009 - MP 0.30 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0010 - MP 0.35 - Sign

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0012 - MP 0.48 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0013 - MP 0.57 - Sign

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0014 - MP 0.57 - Begin Section



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0015 - MP 0.62 - Sign

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0016 - MP 0.65 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0017 - MP 0.66 - Begin Section

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0018 - MP 0.70 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0019 - MP 0.35 - Begin Section

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0020 - MP 0.38 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0021 - MP 0.42 - Sign

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0015 - MP 0.48 - Bridge -sf



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0024 - MP 0.20 - Begin Section

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0023 - MP 0.24 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400  
STATION: Harrison Lake NFH  
DATE: 07/18/2006



Photo # HALA\_C3\_0025 - MP 0.24 - Bridge -sf

TRAIL NUMBER: T401  
STATION: Harrison Lake NFH  
DATE: 07/02/2012



Photo # HALA\_C3\_0220 - MP 0.00 - Trailhead



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T401  
STATION: Harrison Lake NFH  
DATE: 07/02/2012



Photo # HALA\_C3\_0221 - MP 0.01 - Sign

TRAIL NUMBER: T401  
STATION: Harrison Lake NFH  
DATE: 07/02/2012



Photo # HALA\_C3\_0222 - MP 0.33 - Begin Section

# PHOTOGRAPHIC SHEET

## **A NOTE TO USERS OR READERS**

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The reader may also notice some photographs are used more than once. The practice of the same photograph being used for more than one feature was allowed during this cycle's data collection.



## Glossary of Terms and Abbreviations

<b>Acc Info</b>	Accessibility information available at trailhead.
<b>Action</b>	Action required to correct deficiency.
<b>Admin Road</b>	Administration Road. Admin Roads signed and advertised as trails are included in the trail inventory but a condition assessment is NOT done.
<b>Alt SAMMS</b>	SAMMS number of Alternate Facility Type.
<b>Alt Type</b>	Alternate Facility Type. Trail lies on a feature such as a levee, dam, administrative road or bridge, which has a separate SAMMS number.
<b>AvgGrade</b>	The average grade of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
<b>AvgSlope</b>	The average cross-slope of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
<b>Check Dam</b>	A small dam constructed across a drainage ditch, swale, or channel to lower the speed of concentrated flows.
<b>Condition</b>	Subjective rating of trail based on Facility Condition Index (FCI): FCI $\leq$ .01 = Excellent FCI .02 - .05 = Good FCI .06 - .10 = Fair FCI .11 - .20 = Poor FCI $>$ .20 = Failed
<b>Crib Wall</b>	Retaining wall.
<b>Current Replacement Value (CRV)</b>	The value of an asset determined by the estimated cost of replacing it.
<b>Def type</b>	Deficiency Type: Trail Structure, Drainage, Erosion, Obstacle, Trail Location, Other.
<b>Deferred Maintenance (DM)</b>	Maintenance that was not performed when scheduled.

<b>Elem ID</b>	Unique identifier for each trail section: Org Code-Trail Number-Section Number.
<b>Facility Condition Index (FCI)</b>	DM/CRV
<b>Grouped Features</b>	Grouped features include non-unique signs (mileposts, interpretive signs, species identification, etc.), water bars, check dams, steps, drain and drainage dips. For any given grouped feature, a GPS point and photo are taken for the first occurrence only and the total number of features in the group are entered into the “quantity” field of the data dictionary.
<b>Info Type</b>	Type of accessibility information available at trailhead: brochure, sign or other.
<b>Item</b>	Item on which the “Action” (see above) will be performed.
<b>Manage_Use</b>	Managed use of the trail: HIKE, BIKE, NSPC (non-specified), PACK, POR (portage), SNOWSHOE, XSKI (cross-country ski), OTHER.
<b>MP</b>	Distance of a trail feature or deficiency from the Trailhead.
<b>Puncheon</b>	Log footbridge used in area of poor drainage.
<b>Raised Trail Structure</b>	Boardwalk, Turnpike, Puncheon.
<b>T Class</b>	Trail Class: I-V (see Appendix ? for trail class descriptions).
<b>Tr Desig</b>	Trail Designation: Standard (Std), National Historic Trail (NHT), National Recreation Trail (NRT), National Scenic Trail (NST).
<b>Turnpike</b>	Trail tread elevated with dirt, rock or other aggregate from parallel side ditches and held in place by logs.